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| LCD Pin No. | LCD Pin Name | STM32 Pin Name |
| 1 | Ground (Gnd) | Ground (G) |
| 2 | VCC | 5V |
| 3 | VEE | Ground (G), to adjust bright connect to volume register |
| 4 | Register Select (RS) | PA0 |
| 5 | Read/Write (RW) | Ground (G) |
| 6 | Enable (EN) | PA1 |
| 7 | Data Bit 0 (DB0) | No Connection (NC) |
| 8 | Data Bit 1 (DB1) | No Connection (NC) |
| 9 | Data Bit 2 (DB2) | No Connection (NC) |
| 10 | Data Bit 3 (DB3) | No Connection (NC) |
| 11 | Data Bit 4 (DB4) | PA2 |
| 12 | Data Bit 5 (DB5) | PA3 |
| 13 | Data Bit 6 (DB6) | PA4 |
| 14 | Data Bit 7 (DB7) | PA5 |
| 15 | LED Positive | 5V |
| 16 | LED Negative | Ground (G) |